

FORTHCOMING PUBLICATIONS (A)

NOVEMBER 2002, Vol 76, No. 6

Condensed Matter Physics

Fluorescence and SEM-EDAX studies of erbium doped $\text{SiO}_2\text{-GeO}_2$ performs processed by MCVD

PROMAD R WATEKAR, M L NANDA GOSWAMI, J C BISWAS AND H N ACHARYA

Photoluminescence and thermoluminescence in Pr^{3+} activated ZBLAN fluoride crystalline phosphor

S SENGAR, S J DHOBLE, B P CHANDRA AND B C BHATT

Study of heteroatom effect on graphitic carbons derived from anthracene phenanthrene-sulphur system by thermal and optical analysis

J PODDER AND T HOSSAIN

Compositional and temperature dependent electrical behaviour of zinc-substituted copper-ferri-chromates

KUNAL B MODI AND H H JOSHI

Thermally stimulated luminescence studies of undoped, Cu and Mn doped lithium borate compounds

J MANAM, A K SINGH AND S K SHARMA

Monte Carlo calculation of electron transport InSb

P S MALICK AND D MUKHOPADHYAY

Anomalous electrical resistivity and Hall constant of Anderson lattice with finite F-band width

SUNIL PANWAR AND ISHWAR SINGH

Defect characterizations in solution-grown single crystals of magnesium sulphate heptahydrate ($\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$) by chemical etch technique

SUSMITA KARAN AND S P SEN GUPTA

Particle Physics

Measurement of α_e in e^+e^- annihilations

M E ZOMORRODIAN

Statistical Physics

Statistics of closed multi-component system : entropy, fluctuation and stability

C G CHAKRABARTI AND MILAN KUMAR DE

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Notes

Effect of lyoluminescence decay in KCl microcrystalline powder in lyoluminescence dosimetry of ionization radiations

S J DHOBLE, V NAYAR, R S KHER, B P CHANDRA AND M S K KHOKHAR

Tansient hot electron transport properties In ZnS : Mn

F M ABOU EL-ELA

X-ray diffraction studies of azo schiff base

P P HANKARE, L V GAVALI AND S S CHAVAN

On the paramagnetic behaviour of CaS : Pr phosphors

R N DUBEY, M S QURESHI, V SINGH, M TIWARI AND S J DHOBLE